

- 2 -

suggest a means of attaching the target material, by means of screws, from the backside of the backing plate where the water cooling takes place. In this regard, the present invention, as described in the application, overcomes the difficulty of a water to vacuum seal required for sputter target integrity, which was not even considered in Fujitsu.

Zejda is not related to the method of sputtering target and adapter, as in the present invention. Zejda effectively teaches that a water-cooled target assembly, as a separate unit, assembled with screws, can be installed in a quick connect device. While it can be inferred that a mechanically assembled sputter target is feasible it does not address neither the type nor style of target of the present invention.

Wegmann discloses the manufacture of a sputter target using clamping devices or planes to enhance cooling and facilitates assembly. Wegmann does not teach a method of adapting a standard configuration sputter target to a mounting surface in a simple, reliable fashion as shown in the present invention. Thus, it is submitted that the claims cannot be rejected based on these documents.

A favorable action is requested.

Respectfully submitted,



Iurie A. Schwartz
Attorney for Applicants
Reg. No. 43,909

Danbury, Connecticut 06810
(203) 837-2115
Date: February 11, 2003
CS-21,026